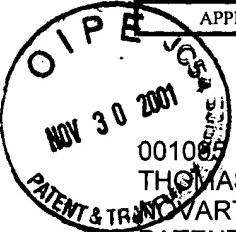




# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/899,634	07/05/2001	Thomas Buehler	4-31499A



001085  
THOMAS HOXIE  
ARTIS CORPORATION  
PATENT AND TRADEMARK DEPT  
564 MORRIS AVENUE  
SUMMIT, NJ 079011027

# 5

**CONFIRMATION NO. 5159**  
**FORMALITIES LETTER**  
  
\*OC00000006838551\*

Date Mailed: 10/03/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

### FILED UNDER 37 CFR 1.53(b)

#### *Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**
  
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

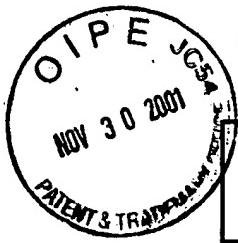
12/05/2001 SDEH001 00000050 100134 09899634  
01 FC:105 130.00 CH

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

EL 820011579 US

Express Mail Label Number

11/30/01

Date of Deposit

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1651

BUEHLER ET AL.

APPLICATION NO: 09/899,634

FILED: JULY 5, 2001

# 7

FOR: PCAR AND ITS USES

Assistant Commissioner for Patents  
 Washington, D.C. 20231

SUBMISSION OF SEQUENCE LISTING  
INCLUDING STATEMENT OF VERIFICATION

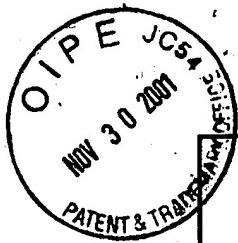
Sir:

Applicants hereby provide a substitute Computer Readable Form of the Sequence Listing as well as the Paper Copy thereof. The undersigned states that the Paper Copy and the Computer Readable Form, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same. The content of the sequence listing information recorded in the Computer Readable Form and Paper Copies includes no new matter.

Respectfully submitted,

Novartis Corporation  
 Patent and Trademark Dept.  
 564 Morris Avenue  
 Summit, NJ 07901-1027  
 (908) 522-6938  
 Date: November 30, 2001

*Susan Hess*  
 Susan Hess  
 Attorney for Applicants  
 Reg. No. 37,350



L 12-03-01

CASE 4-31499A

Sekler/  
Red Seq

## FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

ELP20011579US  
Express Mail Label NumberNovember 30, 2001  
Date of Deposit

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1651

BUEHLER ET AL.

APPLICATION NO: 09/899,634

FILED: JULY 5, 2001

FOR: PCAR AND ITS USES

**Attention: Box Missing Parts**

Assistant Commissioner for Patents

Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS

Sir:

The Notice to File Missing Parts of Application - Filing Date Granted dated October 3, 2001 (a copy of which is enclosed) has a shortened statutory time set to expire on December 3, 2001.

In response, applicants now submit an original or copy of a fully executed Declaration and Power of Attorney. Please charge the \$130 surcharge fee under 37 CFR §1.16(e) to Deposit Account No. 19-0134 in the name of Novartis Corporation.

Also enclosed is a nucleotide and/or amino acid sequence submission, including a substitute computer readable copy, a substitute paper copy and a Statement Verifying Identity of Above Copies. Applicants have corrected errors detected (errors 10 and 11 in the Error Summary of the Notice to File Missing Parts) in the originally filed computer readable form (CRF) of the Sequence Listing. With respect to the errors in the originally filed CRF, applicants note that SEQ ID NOS: 1-4 were inadvertently described with respect to Numeric Identifier 213 of the Sequence Listing as "Artificial/Unknown Sequence." Applicants have corrected this minor error (error 10) in Numeric Identifier 213 of the Sequence Listing to indicate that SEQ ID NOS: 1-4 are derived from the organism "porcine" (as described in the specification at page 7, Example 1). Since the corrected/substitute Sequence Listing no longer indicates "Artificial Sequence/Unknown" for

Numeric Identifier 213, there is no requirement to describe Numeric Identifiers 220 to 223 (error 11).  
No new matter is included in the substitute CRF and paper copies of the Sequence Listing.

The Commissioner is hereby authorized to charge any additional fees under 37 CFR §1.17 which may be required, or credit any overpayment, to Account No. 19-0134 in the name of Novartis Corporation.

A duplicate copy of this letter is provided for charging purposes.

Respectfully submitted,

Susan Hess  
Susan Hess  
Attorney for Applicants  
Reg. No. 37,350

Novartis Corporation  
Patent and Trademark Dept.  
564 Morris Avenue  
Summit, NJ 07901-1027  
(908) 522-6938  
Date: November 30, 2001